

ABSTRACT OF THE DISCLOSURE

This invention provides a multielectron gun which generates a plurality of electron beams having uniform characteristics. A multielectron gun (2) is formed of a plurality of electron guns (2a - 2c). The electron gun (2a) has, in addition to an electron source (21a), Wehnelt electrode (22a), and anode electrode (23), a shield electrode (24) between the Wehnelt electrode (22a) and anode electrode (23). The shield electrode reduces field interference among the electron guns.